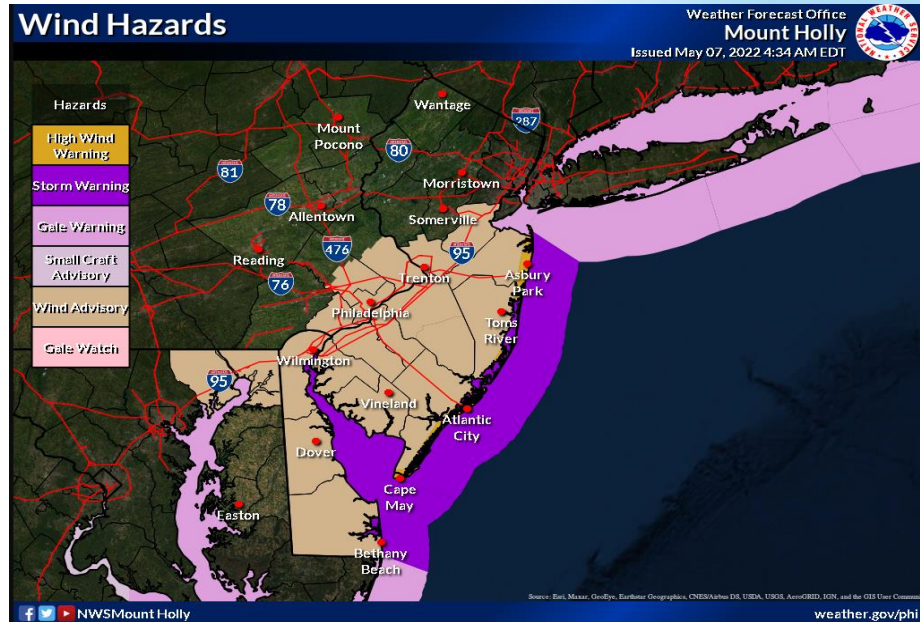
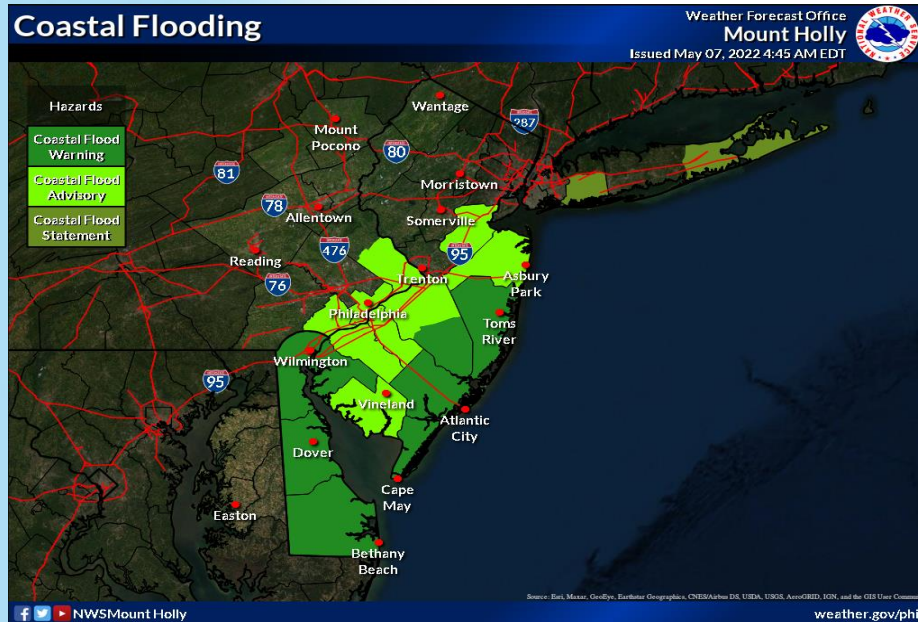


Coastal Storm







Decision Support Briefing #4 As of 6:00 AM Saturday, May 7, 2022

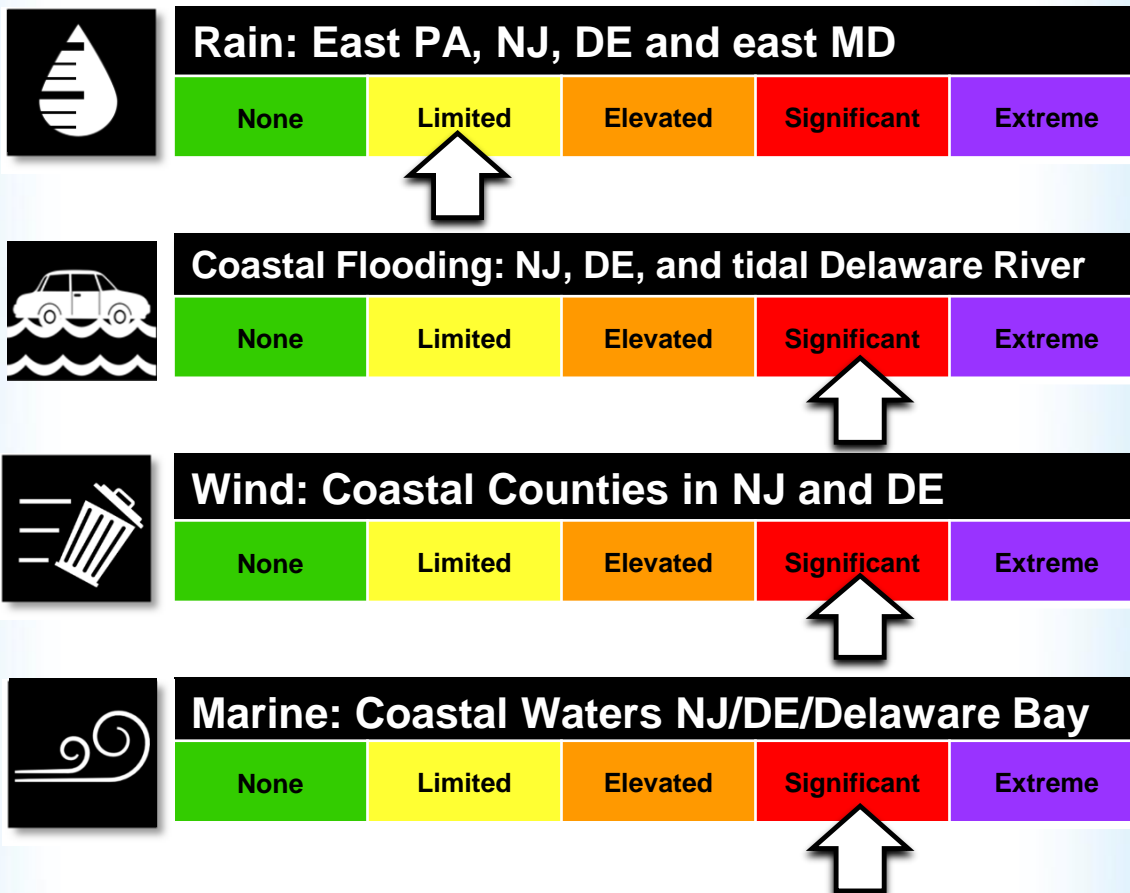
What Has Changed?

- ✓ A High Wind Warning has been issued for New Jersey's coastal communities.
- ✓ A Storm Warning is now in effect for all the coastal waters of New Jersey and Delaware, and for Delaware Bay.
- ✓ Coastal Flood Warnings and Advisories have been expanded along Delaware Bay and the tidal Delaware River.
- ✓ The potential impacts from the rainfall have decreased.

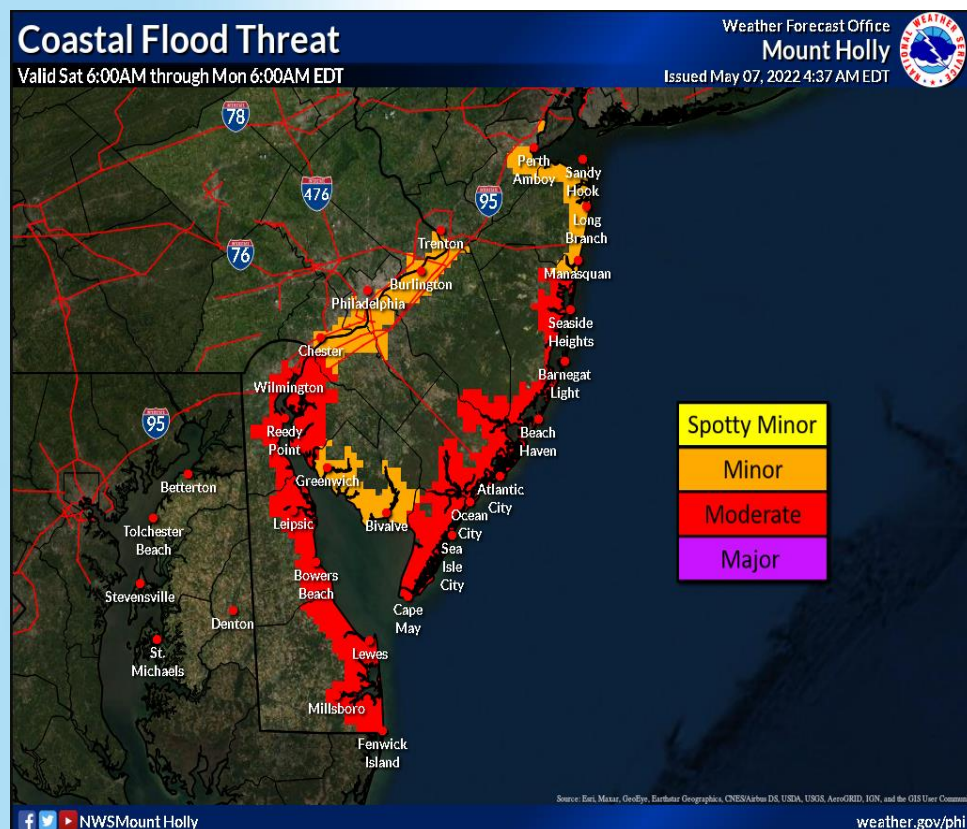
Main Points

Hazard	Impacts	Location	Timing
Rain 	<p>Additional rainfall should be generally less than an inch. There will be no more than just some localized nuisance flooding from the rain.</p>	<p>Eastern Pennsylvania, New Jersey, Delaware, and eastern Maryland</p>	<p>Through Sunday</p>
Coastal Flooding 	<p>Widespread minor to moderate coastal flooding is expected.</p>	<p>Tidal areas of New Jersey and Delaware, including Delaware Bay and the tidal Delaware River</p>	<p>Around the times of high tide through Sunday night</p>
Wind 	<p>Sustained winds of 20 to 35 mph are forecast with gusts up to 45 to 60 mph. Tree damage and power outages are possible.</p>	<p>The strongest winds are expected along the coast, but windy conditions will occur throughout the region</p>	<p>Through Sunday</p>
Marine 	<p>Sustained winds of 25 to 35 knots with gusts as high as 50 knots. Seas building to 10 to 15 feet.</p>	<p>The coastal waters of New Jersey and Delaware, and Delaware Bay</p>	<p>Through Sunday</p>

Summary of Greatest Impacts

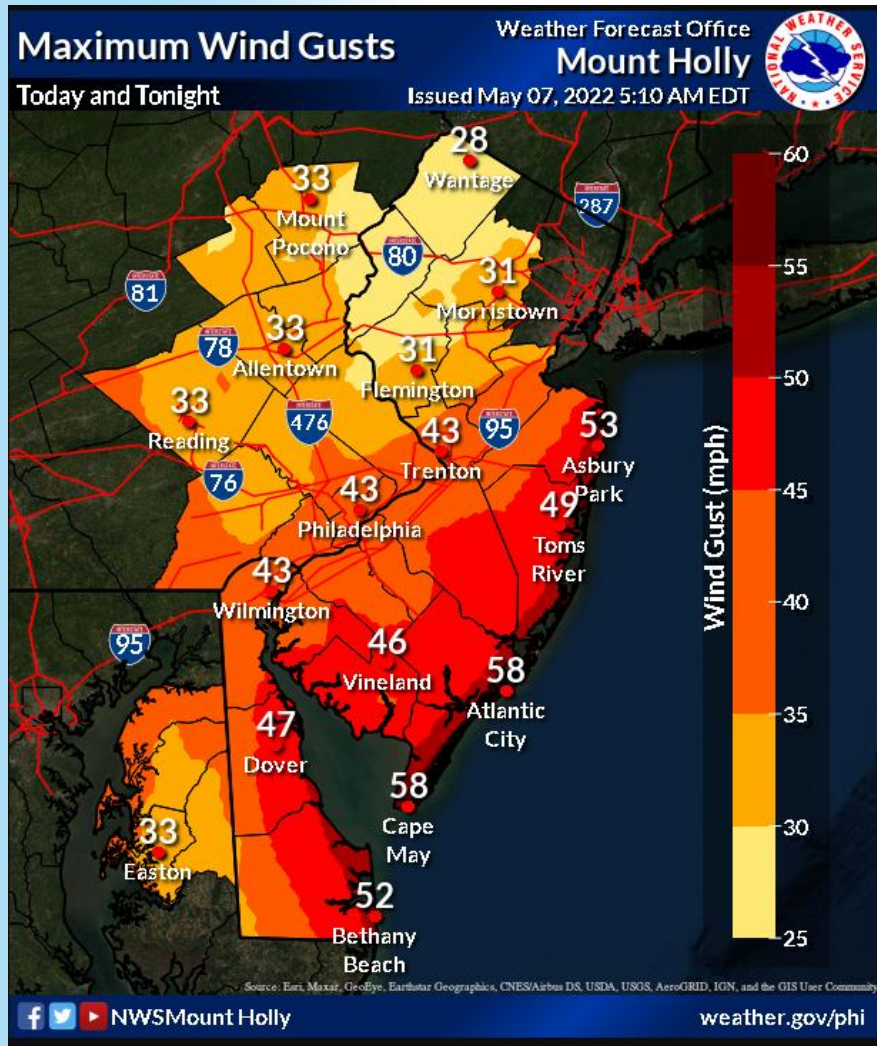


Coastal Flooding

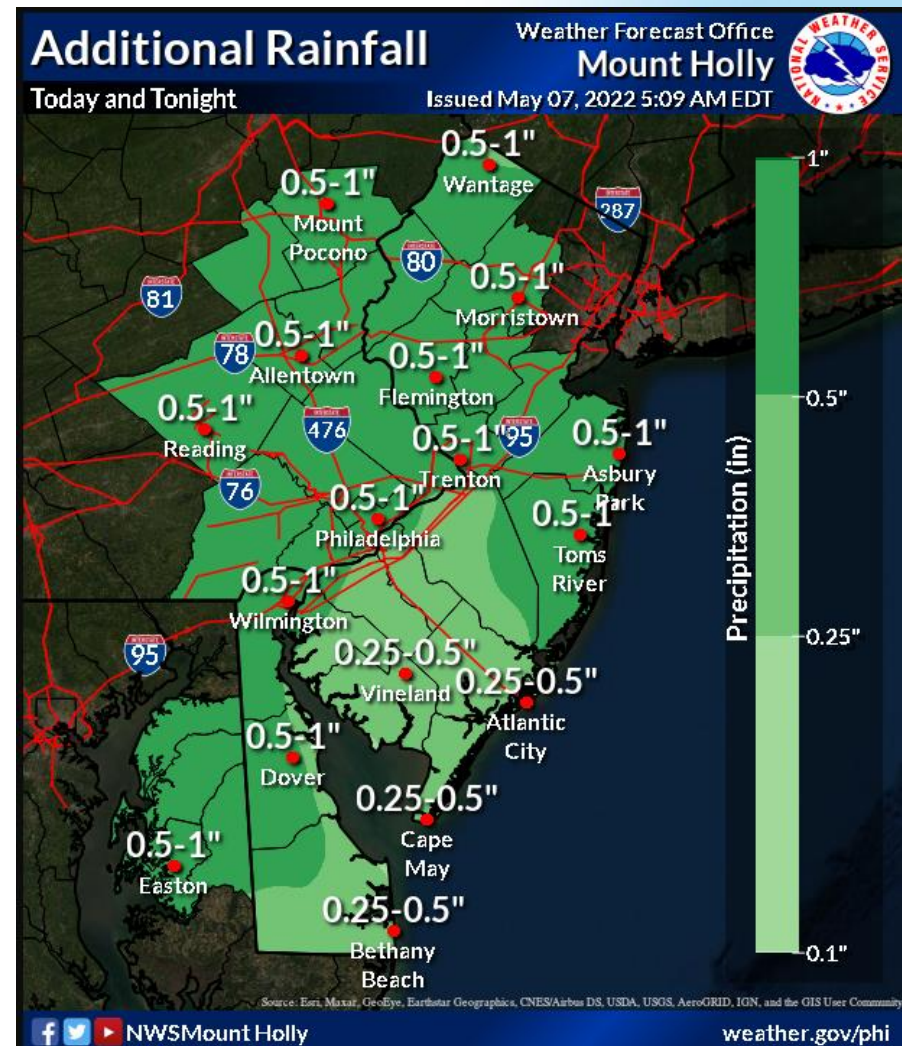


- ✓ Coastal flooding is forecast for several consecutive high tide cycles beginning today and tonight.
- ✓ The greatest risk for moderate flooding is with tonight's high tide.
- ✓ The back bays, including Barnegat Bay, Rehoboth Bay and Indian River Bay, could have greater impacts from the tidal flooding and few breaks in the high water levels between tide cycles.

Forecast Maximum Wind Gusts



Forecast Additional Rainfall



Event Summary

- ✓ A late season coastal storm will bring coastal flooding and very windy conditions to our region.
- ✓ **Minor to Moderate tidal flooding** is forecast beginning today and tonight and continuing into at least Monday.
- ✓ Moderate tidal flooding is most likely with tonight's high tide.
- ✓ Back bays could have greater impacts and little break from high water levels between tide cycles.
- ✓ Very windy conditions could result in tree and power line damage through Sunday.
- ✓ Storm force conditions are expected on the coastal waters of New Jersey and Delaware, and on Delaware Bay.
- ✓ Additional rainfall of generally less than an inch will have only limited impact.

Contact and Next Briefing Information



Next Briefing

When: As needed

Briefing Webpage:

www.weather.gov/media/phi/current_briefing.pdf



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